Fall 2013 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

| MA0005 | Overall LMA | Total LMA | | | | | | |
|---|------------------------|---------------------|----------------|----------------|-------------|---------|--------------------|---------------|
| Sutter Maintenance Yard Maintenance | Rating | Miles | | | | | | |
| Area 0005 | A | 33.32 | | | | | | |
| Date d Have | | Maintena | nce Deficiancy | | Enforcement | | Design 8 Obsole | System scence |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| Earthen Levee | 1 | T | T | T | | I | 1 | |
| Vegetation | 0.02 | | 0.02 | 0.06% | | | | |
| Encroachments | 0.08 | | 0.08 | 0.24% | 5.37 | 0.01 | | |
| Animal Control | 0.01 | | 0.01 | 0.03% | | | | |
| Slope Stability | 0.04 | | 0.04 | 0.12% | | | | |
| Repair Gates Supplemental | 0.01 | | 0.01 | 0.03% | | | | |
| DWR UCIP Field Study | | | | | 0.68 | 0.12 | | |
| LMA Totals: | 0.16 | 0.00 | 0.16 | 0.48% | 6.05 | 0.13 | 0.00 | 0.00 |
| Unit No. 01 Butte Creek 1 LB | Overall Unit Rating | Total Unit Miles | | | | | | |
| MA0005 | A | 15.29 | | | | | | |
| 5 / 14 | | Maintena | nce Deficiancy | | Enforc | ement | Design 8 Obsole | System scence |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| Earthen Levee | 1 | T | T | T | | I | 1 | |
| Vegetation | 0.01 | | 0.01 | 0.07% | | | | |
| Encroachments | 0.03 | | 0.03 | 0.20% | 3.21 | | | |
| Animal Control | 0.01 | | 0.01 | 0.07% | | | | |
| Slope Stability | 0.02 | | 0.02 | 0.13% 0.07% | | | | |
| Repair Gates Supplemental | 0.01 | | 0.01 | 0.07% | | | | |
| DWR UCIP Field Study | | | | | 0.32 | 0.04 | | |
| Unit Totals: | 0.08 | 0.00 | 0.08 | 0.52% | 3.53 | 0.04 | 0.00 | 0.00 |
| Unit No. 02 Butte Creek 1 RB | Overall Unit Rating | Total Unit Miles | | | | | | |
| MA0005 | A | 16.53 | | | | | | |
| Rated Item | | Maintena | nce Deficiancy | | Enforc | ement | Design 8 Obsole | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| Earthen Levee Vegetation | 0.01 | | 0.01 | 0.06% | | | 1 | |
| Encroachments | 0.01 | | 0.01 | 0.00% | 2.16 | 0.01 | | |
| Slope Stability | 0.03 | | 0.03 | 0.30 % | 2.10 | 0.01 | | |
| Supplemental Supplemental | 3.02 | | 5.02 | J/0 | | | | |
| DWR UCIP Field Study | | | | | 0.36 | 0.08 | | |
| Unit Totals: | 0.08 | 0.00 | 0.08 | 0.48% | 2.52 | 0.09 | 0.00 | 0.00 |
| Unit No. 03 Little Chico Creek Diversion 1 LB | Overall Unit Rating | Total Unit Miles | | | | | | |
| MA0005 | Α | 1.50 | | | | | D | 0 |
| Rated Item | | Maintena | nce Deficiancy | | Enforc | ement | Design & Obsole | |
| Nateu Item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| No Items | | | | | | | | |
| Unit Totals: | 0.00 | 0.00 | 0.00 | 0.00% | | | | |

LMA District Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0005

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|--|--|------------------------------|-----------------------------|---------------------------------|
| * Overall LMA Rating (Fall Only) | | | A | |
| | ** Non-receipt of Su | ımmer or Winter Inspo | ection Reports may effec | ct overall annual rating. |
| * SPRING INSPECTIONS: Overall maintenance deficiencies are rated FALL INSPECTIONS: The overall maintenan within the attached un | I using the same crite nce rating shown abo | ria in the spring and in | n the fall. | ficiencies identified |
| Comments | | | | |
| | | | | |
| | | | | |
| | | | | |

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles |
|---------------------------|------|------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|-------------------------------------|---|---------------------------|---|------------------------------|
| Unit Maintenance Rating (Fall Only) | | | A | |
| Date of Inspection | 04/23/2013 - 04/23/2013 | | 11/20/2013 - 11/20/2013 | |
| DWR Inspector | Bob Duffey | | Bob Duffey | |
| Accompanied By | Jason Cooper Sutter Maintenance Yard | | Jason Cooper Sutter Maintenance Yard | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| | | | | | | | | _ | | |
|-----|-------|------|------------------|--------------------------------------|----------|----------------|---|---|--|-------|
| LMR | Levee | | Category | Item | Location | Rating | Action/Comment | | de/Longitude | No. |
| No. | Start | End | 0 , | | on | + ⁹ | | Start | End | Photo |
| 1 | | | Earthen Levee | Operations & Maintenance Manuals | LS | A Ma | | o o DWR ID: DWR_N | o o 1A0005_01_s _ 2013 | |
| 2 | | | Earthen Levee | Emergency Supplies & Equipment | LS | A Ma | | o o DWR ID: DWR IN | o o 1A0005_01_s _ 2013 | 12 |
| 3 | | | Earthen Levee | Flood Preparedness & Training | LS | A Ma | | 0 | o o o 1A0005_01_s _ 2013 | 13 |
| 4 | 0.58 | 0.58 | Earthen Levee | Vegetation | LS | M Ma | V4 : Elderberries are blocking visibility and flood fight capability. | 39.690745 ° -121.777342 ° DWR ID: DWR_M | | Υ |
| 5 | 1.62 | 1.62 | Earthen Levee | Slope Stability | LS | M Ma | S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | 39.676129 ° -121.778171 ° DWR ID: DWR_M | 39.676129 ° -121.778171 ° 4A0005_01_s _ 2013 | Υ |
| 6 | 1.68 | 1.68 | Earthen Levee | Encroachments | LS | M Ma | DE : Debris | 39.675528 ° -121.778642 ° DWR ID: DWR_M | 39.675528 ° -121.778642 ° ^{1A0005} _01_s _ 2012 | Υ |
| 7 | 2.13 | 2.13 | Earthen Levee | Repair Gates | CR | M Ma | Inspector Comments: No Permit. | 39.670112 ° -121.782012 ° DWR ID: DWR_M | 39.670112 ° -121.782012 ° ¹ A0005_01_s _ 2012 | Υ |
| 8 | 2.58 | 2.58 | Earthen Levee | Slope Stability | LS | M Ma | S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | 39.663876 ° -121.784014 ° DWR ID: DWR_M | 39.663876 ° -121.784014 ° ^{1A0005} _01_f _ 2012 | Υ |
| 9 | 2.86 | 2.86 | Earthen Levee | Encroachments | LS | M Ma | PR : Prunings | 39.660124 ° -121.785136 ° DWR ID: DWR_M | 39.660124 ° -121.785136 ° ^{1A0005} _01_s _ 2012 | Υ |
| 10 | 3.12 | 3.12 | Earthen Levee | Encroachments | LS | M Ma | PR : Prunings | 39.656779 ° -121.787127 ° DWR ID: DWR_M | | |
| 11 | 3.54 | 3.54 | Earthen Levee | Encroachments | LS | M En | PR : Prunings | 39.651070 ° -121.789050 ° DWR ID: DWR_M | 39.651070 ° -121.789050 ° ^{1A0005} _01_s _ 2013 | Υ |

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | | | | Wa | terwa | ау | | Bank | Unit Miles | Inspection Start/End | Inspec | tor |
|---------|-------|-------------|------------------|-------------------------|----------|---------|--|---|--|--|--------------------------|-----------------------|
| | | | | Unit No. 01 | But | te C | Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffe | |
| LMR No. | Levee | Mile End | Category | Item | Location | Rating | Action/Comment | | | GPS Latitude/ | Longitude End | Issue No. Photo |
| 12 | 3.67 | 3.67 | Supplemental | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:14058 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be ab gate open and inoperable. Pipe should abandoned.5/29/2013 Same as last ins FIELD_STRUCT_DESC: 30-inch corrug through levee, 10.5 feet below crown. SI corrugated metal riser on waterward slop distribution box on LS toe and concrete of siphon box at edge of berm. (USCE 195 FS Date: 5/29/2013 1:54:14 PM | be prope pection. ated met ide gate be. Conci | . Slide rly al siphon in rete | .121.787965° -12 | | 4 Y |
| | | | | | | | | | | DWR ID: DWR_MA00 | | |
| 13 | 3.67 | 3.67 | Supplemental | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:7521 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be ab gate open and inoperable. Pipe should I abandoned. FIELD_STRUCT_DESC: 30-inch corrug. through levee, 10.5 feet below crown. SI corrugated metal riser on waterward slop distribution box on LS toe and concrete of siphon box at edge of berm. (USCE 195) FS Date: 10/30/2012 | be proper ated met ide gate i be. Conci | l. Slide rly al siphon in rete | 39.649522 ° 3.121.787965 ° -12 | | |
| 14 | 3.91 | 3.91 | Earthen Levee | Animal Control | LS | | A3 : No rodents visible, but rodent burro | ws visible | | 39.646599° 3 | 89.646599 ° | 14 Y |
| | | | LGVGG | | _ | Ма | backfill and compact or grout burrows. | | · | -121.785705 ° -12 DWR ID: DWR_MA00 | | |
| 15 | 3.94 | 3.94 | Earthen Levee | Slope Stability | LS | C Ma | S3 : Repair the levee slope damaged by prevent access where possible. | vehicle t | | 39.646133 ° 3 -121.785370 ° -12 DWR ID: DWR_MA00 | | 15 15 |
| 16 | 3.97 | 3.97 | Supplemental | DWR UCIP Field Study | LS | U En | Inspector Comments: FS_ID:14061 EP_NO: 6544A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Pipeline should be ma crosses levee as it is 4-feet below the surface.5/29/2013 Same as last inspect FIELD_STRUCT_DESC: 6-inch concrete pressure steel gas line through the levee the crown. 8-inch diameter PG&E gas a located on south side of road 250-feet ea | tion. e encase e, 4.0 fee access ma | ere pipe d high t below anhole | 39.645846° 3 -121.785155° -12 | 89.645846° 11.785155° | 19 Y |

* Location

LS: Land Side

WS: Water Side

CR: Crown

* Rating
A : Acceptable

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Mainter

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

crown. (Permit No. 6544A) FS Date: 5/29/2013 1:56:01 PM

DWR ID: DWR_MA0005_01_f _ 2013_19

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | | Bank | Unit Miles | Inspection Start/End | Inspector |
|--|---|--|---|-------------------------------------|-------------------------------|
| Unit No. 01 Butte C | reek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Start End Category Item Category Item Category Item Category Item Category Item Category Cate | Action/Comment | | | GPS Latitude/ | No. |
| 17 3.97 3.97 Supplemental DWR UCIP Field Study En | Inspector Comments: FS_ID:7527 EP_NO: 6544A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Pipeline should be ma crosses levee as it is 4-feet below the st FIELD_STRUCT_DESC: 6-inch concrete pressure steel gas line through the levee the crown. 8-inch diameter PG&E gas a located on south side of road 250-feet ex crown. (Permit No. 6544A) FS Date: 10/30/2012 | urface. e encased e, 4.0 feet access ma | ere pipe d high : below anhole | Start 39.645846 ° 3121.785155 ° -12 | 99.645846 ° 20 21.785155 ° |
| 18 5.65 5.65 Supplemental DWR UCIP LS M Field Study En | Inspector Comments: FS_ID:14063 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 1/2 filled with soi end.5/29/2013 Same as last inspection said pipes are abandoned and no longer should be made for top of standpipe to p Pipes should be properly abandoned. FIELD_STRUCT_DESC: 1 of 2. 36-inch levee 11.0 feet below crown. Slide gate corrugated metal riser on waterward slop "U" headwall on the landward side. (USA FS Date: 5/29/2013 1:57:05 PM | Land over used. Corevent far pipe through the properties of the pr | gate vner overs lls. ough h | 39.624559 ° 3 121.772141 ° -12 | 89.624559° 21 21.772141° Y |
| 19 5.65 5.65 Supplemental DWR UCIP LS M Field Study En | Inspector Comments: FS_ID:14064 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 1/2 filled with soi WS.5/29/2013 Same as last inspections said pipes are abandoned and no longer should be made for top of standpipe to p Pipes should be properly abandoned. FIELD_STRUCT_DESC: 2 of 2. 36-inch levee 11.0 feet below crown. Slide gate corrugated metal riser on waterward slop "U" headwall on the landward side. (US: FS Date: 5/29/2013 2:02:01 PM | Land over used. Corevent factorial pripe through the core and core | gate on vner overs lls. ough h | | 89.624559° 22 21.772141° Y |

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

DWR ID: DWR_MA0005_01_f _ 2013_22

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | | | Wa | terwa | ıy | | Bank | Unit Miles | Inspection Start/End | Inspecto | or |
|-----------------|----------|------------------|---------------------------|----------|----------------|---|---------------------------------------|-----------------------------------|------------------------------------|--------------------------|--------------|
| | | | Unit No. 01 | Butt | e C | creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey | , |
| Lev No. Star | vee Mile | Category | Item | Location | Rating ** + | Action/Comment | | | GPS Latitude/L | origitude | No. Photo |
| 20 5.6 | 65 5.65 | Supplementa | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:7529 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 1/2 filled with soi FIELD_STRUCT_DESC: 1 of 2. 36-inct levee 11.0 feet below crown. Slide gate corrugated metal riser on waterward slop "U" headwall on the landward side. (USA) FS Date: 10/30/2012 | n pipe thro in 54-inc be and co | gate end. ough h oncrete | 39.624559 ° 3! 121.772141 ° -12 | | 23 |
| 21 5.6 | 65 5.65 | Supplementa | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:7528 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 1/2 filled with soi WS. FIELD_STRUCT_DESC: 2 of 2. 36-inct levee 11.0 feet below crown. Slide gate corrugated metal riser on waterward slop "U" headwall on the landward side. (US FS Date: 10/30/2012 | n pipe thre in 54-inc oe and co | gate on ough h oncrete | 39.624559 ° 3:121.772141 ° -12: | 9.624559 ° 1.772141 ° | 24 |
| 22 5.7 | 79 6.34 | Earthen Levee | Encroachments | LS | M En | DT : Ditch | | - | 39.622766 ° 39.121.773159 ° -12 | | 55 Y |
| 23 7.7 | 70 7.70 | Supplementa | I DWR UCIP Field Study | LS | | Inspector Comments: FS_ID:7584 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe filled with soil an outlet/appurtances are burried. FIELD_STRUCT_DESC: 24-inch pipe th feet below crown. Flap gate on the wate Concrete "U" shaped headwall on LS too FS Date: 10/30/2012 | rough leverward en | /ee, 8.5 d. | 39.597725 ° 39.121.787257 ° -12 | | |

24 7.70 7.70 Supplemental DWR UCIP

Field Study

LS M Inspector Comments: FS_ID:14079

En EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe filled with soil and

outlet/appurtances are burried.5/29/2013 Same as last

inspection.

FIELD_STRUCT_DESC: 24-inch pipe through levee, 8.5 feet below crown. Flap gate on the waterward end. Concrete "U" shaped headwall on LS toe. (USCE 1952)

FS Date: 5/29/2013 2:16:09 PM

DWR ID: DWR MA0005 01 f 2013 26

39.597725° 39.597725° 26

-121.787257 ° -121.787257 °

Location LS: Land Side WS : Water Side CR : Crown Rating M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | | | | | | Bank | Unit Miles | Inspection Start/End | Inspec | tor | | |
|---------|-------|---------------|-------------|-------------------------|--------|---------|--|---|--------------------------|---|--------------------------|----|
| | | | | Unit No. | 01 But | te C | Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffe | |
| LMR No. | Levee | Category Item | | | | | | | GPS Latitude/L | ongitude End | Issue No. Photo | |
| 25 | 8.33 | 8.33 | Supplementa | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:14081 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe filled with soil.5/2 as last inspection. FIELD_STRUCT_DESC: 24-inch corrug through the levee, 9.3 feet below the cro the waterward end. Concrete headwall a (USACE 1952) FS Date: 5/29/2013 2:17:09 PM | 39.589751 ° 39.589751 ° 39.589751 ° 39.589751 ° -121.792818 ° -12 | 9.589751 ° 1.792818 ° | 27 Y | | |
| 26 | 8.33 | 8.33 | Supplementa | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:7587 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe filled with soil. FIELD_STRUCT_DESC: 24-inch corrug through the levee, 9.3 feet below the cro the waterward end. Concrete headwall a (USACE 1952) FS Date: 10/30/2012 | wn. Flap | al pipe gate on | DWR ID: DWR_MA000 39.589751 ° 39.589751 ° -121.792818 ° -121.7928 ° -121.792818 ° -121.7928 ° -121.7928 ° -121.7928 ° -121.7928 ° -121.7928 ° | 9.589751 ° 1.792818 ° | 28 |
| 27 | 9.21 | 9.21 | Supplementa | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:14084 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to confirm propering. Pipe should be plugged on LS.5/29 last inspection. | 9/2013 S | onment of | 39.579908° 39.579908° -12 | 9.579908° 1.802790° | |

28 9.21 9.21 Supplemental DWR UCIP Field Study

LS M Inspector Comments: FS_ID:7590 En EP_NO: N/A

landward toe. (USACE 1955) FS Date: 5/29/2013 2:19:00 PM

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to confirm proper abandonment of pipe. Pipe should be plugged on LS. FIELD_STRUCT_DESC: 16-inch steel pipe through the

FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 11.5 feet below the crown. Distribution box at the landward toe. (USACE 1955)

FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 11.5 feet below the crown. Distribution box at the

FS Date: 10/30/2012

39.579908 ° 39.579908 ° -121.802790 ° -121.802790 °

DWR ID: DWR_MA0005_01_f _ 2013_30

DWR ID: DWR_MA0005_01_f _ 2013_29

Rating

A : Acceptable

M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|--|---|--|---------------------------------------|---|--------------------------------|----|
| Unit No. 01 Butte Creek 1 | | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey | |
| Levee Mile Start End Category Item Category Ration Category C | Action/Comment | | | GPS Latitude/L | ongitude Issu No End Pho | 0. |
| 9.65 9.65 Supplemental DWR UCIP Field Study Field Study Field Study Field Study Field Study Crossing S UCIP Com this structu FIELD_STI Pipe throug | e: Non-Urgent latus: Found ments: Seems there should lee. RUCT_DESC: 1 of 4: 66 Inch h levee, 17.9 feet below the lon both ends. (USCE 1952). | n Corruga crown. C | ites on ted Metal | 39.575072 ° 3 -121.807805 ° -12 | | 1 |
| Field Study En EP_NO: N/ Repair Typ Crossing S UCIP Com this structu DWR Sutte freely throu | e: Non-Urgent tatus: Found ments: Seems there should be 15/29/2013 Flap gates were maintenance Yard to allow gh crossing and not back up RUCT_DESC: 1 of 4: 66 Inch h levee, 17.9 feet below the proboth ends. (USCE 1952). | re remove water to in ditch. Corruga crown. Co | ates on ed by flow ted Metal | 39.575072° 3 -121.807805° -12 | | |
| Field Study En EP_NO: N/ Repair Typ Crossing S UCIP Com this structu DWR Sutte freely throu | e: Non-Urgent tatus: Found ments: Seems there should be re.5/29/2013 Flap gates were r Maintenance Yard to allow gh crossing and not back up RUCT_DESC: 2 of 4: 66 Inch h levee, 17.9 feet below the on both ends. (USCE 1952). | re remove water to in ditch. Corruga crown. C | ates on ed by flow ted Metal | 39.575036° 3 -121.807807° -12 | | 3 |
| Field Study En EP_NO: N/ Repair Typ Crossing S UCIP Com this structu FIELD_STI Pipe throug | e: Non-Urgent catus: Found ments: Seems there should lee. RUCT_DESC: 2 of 4: 66 Inch h levee, 17.9 feet below the on both ends. (USCE 1952). | n Corruga crown. C | ites on ted Metal | 39.575036° 3 -121.807807° -12 DWR ID: DWR_MA000 | | 4 |

| Location | |
|-----------------|--|
| LS : Land Side | |
| WS : Water Side | |
| CR · Crown | |

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Wa | iterway | | Bank | Unit Miles | Inspection Start/End | Inspec | tor |
|--|------------------------------------|--|---|-----------------------------------|---|---------------------------|--------------|
| Unit No. 01 | Unit No. 01 Butte Creek 1 Left 15. | | | | 11/20/2013 11/20/2013 | Bob Duffe | |
| Levee Mile Catagory Itom | Ra: | | | | GPS Latitude/ | Longitude | Issue No. |
| Start End Category Item | Rating ** + Location | Action/Comment | | | Start | End | Photo |
| 9.66 9.66 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:14425 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seems there should be this structure.5/29/2013 Flap gates were DWR Sutter Maintenance Yard to allow freely through crossing and not back up FIELD_STRUCT_DESC: 3 of 4: 66 Inch Pipe through levee, 17.9 feet below the cheadwalls on both ends. (USCE 1952). FS Date: 5/29/2013 | e remove water to f in ditch. Corrugat | tes on d by low ed Metal | 39.575000 ° 3 121.807808 ° -12 | | 35 35 |
| 34 9.66 9.66 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:7593 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seems there should b this structure. FIELD_STRUCT_DESC: 3 of 4: 66 Inch Pipe through levee, 17.9 feet below the o headwalls on both ends. (USCE 1952). FS Date: 10/30/2012 | Corrugat | tes on ed Metal | 39.575000° 3 121.807808° -12 | 9.575000 ° 11.807808 ° | 36 |
| | | | | | DWR ID: DWR_MA00 | | |
| 9.66 9.66 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:14426 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seems there should b this structure.5/29/2013 Flap gates were DWR Sutter Maintenance Yard to allow of freely through crossing and not back up FIELD_STRUCT_DESC: 4 of 4: 66 Inch Pipe through levee, 17.9 feet below the of headwalls on both ends. (USCE 1952). FS Date: 5/29/2013 | e remove water to f in ditch. Corrugat | tes on d by low ed Metal | 39.574964 ° 3 121.807810 ° -12 | 9.574964° 11.807810° | 37 |
| | | | | | DWR ID: DWR_MA00 | 05_01_f _ 2013_ | 37 |
| 9.66 9.66 Supplemental DWR UCIP Field Study | | Inspector Comments: FS_ID:7594 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seems there should b this structure. FIELD_STRUCT_DESC: 4 of 4: 66 Inch Pipe through levee, 17.9 feet below the o headwalls on both ends. (USCE 1952). FS Date: 10/30/2012 | Corrugat | tes on ed Metal | 39.574964 ° 3 121.807810 ° -12 | 9.574964 ° 11.807810 ° | 38 |
| 27 0 00 40 40 5 4 | | DT DV. I | | | DWR ID: DWR_MA00 | | |
| 9.66 10.48 Earthen Encroachments Levee | LS M En | DT : Ditch | | - | 39.574837 ° 3 121.807913 ° -12 DWR ID: DWR_MA00 | 1.819283° | Υ |

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | Waterw | ay | | Bank | Unit Miles | Inspection Start/End | Inspect | or |
|--|---------------|----------------|--|---|--|-----------------------------------|------------------------|-----------|
| Unit No | o. 01 But | te C | Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey | / |
| Levee Mile Start End Category Item | Location * | Rating ** + | Action/Comment | | | GPS Latitude/L | Lorigitude | No. Photo |
| ³⁸ 10.19 10.19 Supplemental DWR UCIF Field Study | | M En | Inspector Comments: FS_ID:7640 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to locate slide WS. Pipe appears to be abandoned. G video inspection. FIELD_STRUCT_DESC: 24-inch corrug through the levee, 12.5 feet below the cromathe waterward end. Flap gate and heal landward end. Concrete headwall at the (USCE 1952) FS Date: 10/30/2012 7:45:00 AM | ood cand ated meta own. Slid adwall on | oipe on lidate for al pipe le gate the | 39.570596° 3.121.815215° -12 | | 39 |
| 39 10.19 10.19 Supplemental DWR UCIF Field Study | | M En | Inspector Comments: FS_ID:14086 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe and headwall but access to slide gate.5/29/2013 Same at FIELD_STRUCT_DESC: 24-inch corrug through the levee, 12.5 feet below the cr on the waterward end. Flap gate and heal landward end. Concrete headwall at the (USCE 1952) FS Date: 5/29/2013 2:22:01 PM | s last inspated meta own. Slid adwall on | /S, no pection. al pipe le gate the | 39.570596 ° 3 121.815215 ° -12 | | Y |
| 40 10.19 10.19 Supplemental DWR UCIF Field Study | | M En | Inspector Comments: FS_ID:7644 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe and headwall but access to slide gate. FIELD_STRUCT_DESC: 24-inch corrug through the levee, 12.5 feet below the cr on the waterward end. Flap gate and heal landward end. Concrete headwall at the (USCE 1952) FS Date: 10/30/2012 7:45:00 AM | ated meta own. Slid adwall on | /S, no al pipe le gate the | 39.570596 ° 3.121.815215 ° -12 | 9.570596° 1.815215° | 41 |
| 41 10.99 10.99 Supplemental DWR UCIF Field Study | | M En | Inspector Comments: FS_ID:14088 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe buried on both si levee.5/29/2013 Same as last inspectio FIELD_STRUCT_DESC: 30-inch corrug drainpipe through the levee, 12.2 feet be Flap gate on the waterward end. (USCE FS Date: 5/29/2013 2:23:13 PM | n. ated meta slow the c | al | 39.562559° 3.121.825808° -12 | | Y |

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | | | Unit Miles | Inspection Start/End | Inspector |
|---|-----------------------|-----------|------------|--------------------------|------------------|
| Unit No. 01 Butte Creek 1 | | | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Category Item | Action/Comment | | | GPS Latitude | /Longitude Issue |
| Start End Category | tion + Action/Comment | Start End | | End Photo | |
| 42 10.99 10.99 Supplemental DWR UCIP LS M Inspector Comments: FS ID:7646 39.56255 | | | 39.562559° | 39.562559° 43 | |

drainpipe through the levee, 12.2 feet below the crown. Flap gate on the waterward end. (USCE 1952) FS Date: 10/30/2012

EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

39.562518° 39.562518° 44 43 10.99 10.99 Supplemental DWR UCIP LS M Inspector Comments: FS_ID:7645 EP_NO: N/A -121.825831 ° -121.825831 ° Field Study Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe buried on both sides of levee.

FIELD_STRUCT_DESC: 30-inch corrugated metal drainpipe through the levee, 12.2 feet below the crown. Flap gate on the waterward end. (USCE 1952) FS Date: 10/30/2012

UCIP Comments: Pipe buried on both sides of levee. FIELD_STRUCT_DESC: 30-inch corrugated metal

> DWR ID: DWR MA0005 01 f 2013 44 39.562518° 39.562518° 45

-121.825831 ° -121.825831 °

DWR ID: DWR MA0005 01 f 2013 43

-121.825808 ° -121.825808 °

44 10.99 10.99 Supplemental DWR UCIP Inspector Comments: FS_ID:7642 LS M Field Study

Field Study

EP_NO: N/A Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Pipe buried on both sides of levee. FIELD_STRUCT_DESC: 30-inch pipe through the levee, 12.2 feet below the crown. Flap gate on the waterward

end. (USCE 1952) FS Date: 10/30/2012

DWR ID: DWR_MA0005_01_f _ 2013_45

39.551757 ° 39.551757 °

-121.837252 ° -121.837252 °

45 11.01 11.01 Earthen 39.562325 ° 39.562325 ° Vegetation LS A V1: Control annual grass and weeds on the levee slopes Ma and easements. -121.826089 ° -121.826089 ° DWR ID: DWR_MA0005_01_f _ 2013_54

46 11.96 11.96 Supplemental DWR UCIP Inspector Comments: FS_ID:14097 LS U Field Study En

EP NO: N/A Repair Type: Urgent

Crossing Status: Found

UCIP Comments: Pipe is totally corroded through on WS toe and flap gate is missing. Pipe likely requires total replacement.5/29/2013 Pipe was video inspected and it was determined it needs full replacement. Replacement construction is scheduled to begin in the week of 6/3/2013. FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 15.0 feet below the crown. Flap gate on the waterward end. Concrete headwall at the landward

toe. (USACE 1952)

FS Date: 5/29/2013 2:28:18 PM

DWR ID: DWR_MA0005_01_f _ 2013_46

Location LS: Land Side WS: Water Side CR: Crown

Rating

N : Not Inspected/Rated Minimally Acceptable Corrected Acceptable but Monitor & Maintain U: Unacceptable

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Wa | Bank | Unit Miles | Inspection Start/End | Inspector | |
|--|--|---|--|---|-------------------------------|
| Unit No. 01 Butte Creek 1 Left | | | | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Start End Category Item | ** Tation Action/Com | ment | | GPS Latitude/L | Longitude Issue No. End Photo |
| 47 11.96 11.96 Supplemental DWR UCIP Field Study | LS U Inspector Comments: FS_ID:765 En EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe is totally of toe and flap gate is missing. Pipe replacement. FIELD_STRUCT_DESC: 30-inch through the levee, 15.0 feet below the waterward end. Concrete head toe. (USACE 1952) FS Date: 10/31/2012 | orroded througe likely requires corrugated me | h on WS total tal pipe ap gate on | 39.551757 ° 3 -121.837252 ° -12 | |
| 48 11.96 11.96 Earthen Levee Encroachments | LS A PI : Pipe En Inspector Comments: Sutter Yard with a new 24 inch HDPE pipe. | replaced the c | old pipe | | 9.551747 ° 56 1.837288 ° Y |
| 49 12.00 12.00 Supplemental DWR UCIP Field Study | LS M Inspector Comments: FS_ID:140 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe burried or WS.5/29/2013 Same as last insp FIELD_STRUCT_DESC: 48" Cor and sparling water meter/irrigation foot concrete outlet box on LS toe FS Date: 5/29/2013 2:30:39 PM | both LS and ection. rugated Metal F n structure. 4-f | Pipe riser oot by 6- | 39.551212 ° 3 -121.837724 ° -12 | |
| 50 12.00 12.00 Supplemental DWR UCIP Field Study | LS M Inspector Comments: FS_ID:767 En EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe burried or FIELD_STRUCT_DESC: 48" Cor and sparling water meter/irrigation foot concrete outlet box on LS toe FS Date: 10/31/2012 | both LS and V rugated Metal F n structure. 4-f | VS. Pipe riser oot by 6- | 39.551212 ° 3 -121.837724 ° -12 | |
| 51 12.00 12.00 Supplemental DWR UCIP Field Study | LS M Inspector Comments: FS_ID:766 En EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe burried or FIELD_STRUCT_DESC: 48" Cor and sparling water meter/irrigation foot concrete outlet box on LS toe FS Date: 10/31/2012 | both LS and V rugated Metal F n structure. 4-f | VS. Pipe riser oot by 6- | 39.551212 ° 3 -121.837724 ° -12 DWR ID: DWR_MA000 | 1.837724° Y |
| 52 12.00 13.83 Earthen Encroachments Levee | LS M DT : Ditch En | | | 39.551235 ° 3 -121.837697 ° -12 DWR ID: DWR_MA000 | |

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | | | | Bank | Unit Miles | Inspection Start/End | Inspec | ctor |
|---------------------------------------|----------------------------|------------|---|------------------------|----------------------------------|-------------------------------|-----------------------------|-----------------------|
| | Unit No. 01 Butte Creek 1 | | | | 15.29 | 11/20/2013 11/20/2013 | Bob Duffe | |
| Levee Mile Category | Item | | | | | GPS Latitude | | Issue No. Photo |
| 5 Start End 53 14.66 14.66 Supplement | al DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:14101 39.522 | | Start 39.522200 ° 121.865592 ° - | | 51 Y | |
| DWR ID: DWR_MA0005_01 | | | | .0005_01_f _ 2013_ | _51 | | | |
| ⁵⁴ 14.66 14.66 Supplement | al DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:7666 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Soil under Concrete w toe has been eroded. No soil supporting FIELD_STRUCT_DESC: 36-inch corrug | g wing wa ated meta | on WS Ills. | 39.522200 ° 121.865592 ° - | 39.522200 ° 121.865592 ° | 52 |

through the levee, 13.0 feet below the crown. Flap gate on the waterward end. Concrete headwall on both ends.

Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

(USCE 1952) FS Date: 10/31/2012

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

DWR ID: DWR_MA0005_01_f _ 2013_52

Page 12 of 20

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 4 | | |
|---|---------------|--|--|
| Start Levee Mile | 0.58 | | |
| End Levee Mile | 0.58 | | |
| Location | Land Side | | |
| Category | Earthen Levee | | |
| Item | Vegetation | | |
| View of the large elderberries along the L/S toe. | | | |

rduffey_f_20130919_772.jpg

| Levee Mile Report Line | 5 |
|--|-----------------------|
| Start Levee Mile | 1.62 |
| End Levee Mile | 1.62 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| \(\(\); \(\); \(\) = \(\) | and the second second |

View of the unauthorized vehicle ramp on the landside slope.

rduffey_f_20130919_770.JPG

| Levee Mile Report Line | 6 | | | |
|---|---------------|--|--|--|
| Start Levee Mile | 1.68 | | | |
| End Levee Mile | 1.68 | | | |
| Location | Land Side | | | |
| Category | Earthen Levee | | | |
| Item | Encroachments | | | |
| Viena et the annual and a section to the section of | | | | |

View of the removed garbage but construction supply on pallets.

rduffey_f_20130919_763.jpg







* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 7 | | | |
|----------------------------------|---------------|--|--|--|
| Start Levee Mile | 2.13 | | | |
| End Levee Mile | 2.13 | | | |
| Location | Crown | | | |
| Category | Earthen Levee | | | |
| Item | Repair Gates | | | |
| View of the gate with no permit. | | | | |

rduffey_f_20131126_203.JPG

| Levee Mile Report Line | 8 | | |
|--|---------------|--|--|
| Start Levee Mile | 2.58 | | |
| End Levee Mile | 2.58 | | |
| Location | Land Side | | |
| Category | Earthen Levee | | |
| Item Slope Stability | | | |
| View of the vehicle eresion along the landside | | | |

View of the vehicle erosion along the landside slope.

rduffey_f_20130919_767.JPG

| Levee Mile Report Line | 9 | | |
|---|---------------|--|--|
| Start Levee Mile | 2.86 | | |
| End Levee Mile | 2.86 | | |
| Location | Land Side | | |
| Category | Earthen Levee | | |
| Item Encroachments | | | |
| View of the large prunings nile along the L/S toe | | | |

View of the large prunings pile along the L/S toe.

rduffey_f_20130919_764.jpg







* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 11 | |
|--|---------------|--|
| Start Levee Mile | 3.54 | |
| End Levee Mile | 3.54 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Encroachments | |
| View of the prunings along the landside slope. | | |

rduffey_f_20130919_771.JPG

| Levee Mile Report Line | 12 | | | |
|------------------------|----------------------|--|--|--|
| Start Levee Mile | 3.67 | | | |
| End Levee Mile | 3.67 | | | |
| Location | n Land Side | | | |
| Category | Supplemental | | | |
| Item | DWR UCIP Field Study | | | |

CMP riser with slide gate on WS shoulder. Notice bent screw in open position.

UCIP_7522.jpg

slope.

| Levee Mile Report Line | 14 | |
|--|----------------|--|
| Start Levee Mile | 3.91 | |
| End Levee Mile | 3.91 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Animal Control | |
| View of the rodent activity along the landside | | |

rduffey_f_20130919_768.JPG







Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monite : Corrected : Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| 16 |
|----------------------|
| 3.97 |
| 3.97 |
| Land Side |
| Supplemental |
| DWR UCIP Field Study |
| th edge of roadway. |
| |

| 18 |
|----------------------|
| 5.65 |
| 5.65 |
| Land Side |
| Supplemental |
| DWR UCIP Field Study |
| |

54-inch CMP riser and slide gate on WS shoulder.

| UCIP | 7526.jpg |
|------|----------|
| | |

UCIP_7525.jpg

| _ "" | | | |
|------------------------------------|----------------------|--|--|
| Levee Mile Report Line | 19 | | |
| Start Levee Mile | 5.65 | | |
| End Levee Mile | 5.65 | | |
| Location | Land Side | | |
| Category | Supplemental | | |
| Item | DWR UCIP Field Study | | |
| Slide gate at bottom of cmp riser. | | | |
| UCIP_7528.jpg | | | |







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 22 |
|-----------------------------|---------------------------|
| Start Levee Mile | 5.79 |
| End Levee Mile | 6.34 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| View of the irrigation ditc | h along the landside toe. |

rduffey_f_20131126_199.JPG

| Levee Mile Report Line | 24 |
|------------------------|----------------------|
| Start Levee Mile | 7.70 |
| End Levee Mile | 7.70 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| | |

Headwall at LS toe.

| UCIP | 7531 | .jpq |
|------|------|------|
| | | |

| Levee Mile Report Line | 25 |
|------------------------|----------------------|
| Start Levee Mile | 8.33 |
| End Levee Mile | 8.33 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Outlet at WS toe. | |

UCIP_7535.jpg







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 27 |
|---------------------------|----------------------|
| Start Levee Mile | 9.21 |
| End Levee Mile | 9.21 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Concrete distribution box | at LS toe. |
| UCIP_7538.jpg | |

| Levee Mile Report Line | 30 |
|------------------------|----------------------|
| Start Levee Mile | 9.65 |
| End Levee Mile | 9.65 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| | |

WS of pipe crossing

| IICIP | 7662 | ina |
|-------|------|-----|

| UCIP_/662.jpg | |
|---------------------------|-----------------|
| Levee Mile Report Line | 37 |
| Start Levee Mile | 9.66 |
| End Levee Mile | 10.48 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| View of the AG ditch alor | ng the L/S toe. |







rduffey_f_20130919_765.jpg

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 39 |
|--|----------------------------|
| Start Levee Mile | 10.19 |
| End Levee Mile | 10.19 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Flap gate and headwall a drainage ditch. | at LS toe in irrigation or |
| | |

| Levee Mile Report Line | 41 |
|------------------------|----------------------|
| Start Levee Mile | 10.99 |
| End Levee Mile | 10.99 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| | • |

Concrete headwall at LS toe.

| UCIP_7542.jpg |
|---------------|
|---------------|

UCIP_7540.jpg

| _ "。 | |
|------------------------------------|-------------------------|
| Levee Mile Report Line | 45 |
| Start Levee Mile | 11.01 |
| End Levee Mile | 11.01 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| View of the both slopes t dragged. | hat has been burned and |







Location LS: Land Side WS : Water Side CR : Crown

rduffey_f_20131126_198.JPG

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monit : Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 47 |
|-------------------------|----------------------|
| Start Levee Mile | 11.96 |
| End Levee Mile | 11.96 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Drainage canal on LS to | e. |

UCIP_3343.jpg

| Levee Mile Report Line | 48 |
|------------------------|---------------|
| Start Levee Mile | 11.96 |
| End Levee Mile | 11.96 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |

View of the new 24 inch pipe and riser.

rduffey_f_20131126_197.JPG

| Levee Mile Report Line | 51 |
|---------------------------|----------------------|
| Start Levee Mile | 12.00 |
| End Levee Mile | 12.00 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Buried pipe at concrete b | oox, LS toe. |







UCIP_3348.jpg

Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|------|------------|--------------------------|---------------|
| Unit No. 01 Butte Creek 1 | Left | 15.29 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 52 |
|---------------------------|----------------|
| Start Levee Mile | 12.00 |
| End Levee Mile | 13.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| View of the AG ditch alor | g the 1/3 toe. |
| Levee Mile Report Line | 53 |
| Start Levee Mile | 14.66 |
| End Levee Mile | 14.66 |
| Location | Land Side |

| Tuulley_1_20130919_766.jpg | | | | | | | |
|------------------------------|----------------------|--|--|--|--|--|--|
| Levee Mile Report Line | 53 | | | | | | |
| Start Levee Mile | 14.66 | | | | | | |
| End Levee Mile | 14.66 | | | | | | |
| Location | Land Side | | | | | | |
| Category | Supplemental | | | | | | |
| Item | DWR UCIP Field Study | | | | | | |
| Headwall at inlet on LS toe. | | | | | | | |
| UCIP_7558.jpg | | | | | | | |





Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles |
|---------------------------|-------|------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|-------------------------------------|---|---------------------------|---|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | A | |
| Date of Inspection | 04/23/2013 - 04/23/2013 | | 11/20/2013 - 11/20/2013 | |
| DWR Inspector | Bob Duffey | | Bob Duffey | |
| Accompanied By | Jason Cooper Sutter Maintenance Yard | | Jason Cooper Sutter Maintenance Yard | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | Bank | Unit Miles | Inspection Start/End | Inspec | ctor | |
|-----------------------------------|--------------------|----------------|--------------------------|--------------|--------------------|--------------|
| | 1 Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffe | - | |
| Levee Mile Start End Category | Item ** + Location | Action/Comment | | GPS Latitude | e/Longitude End | Issue No. |

| 3 | Levee | iville | Category | Item | oca * | * at | Action/Comment | GPS Latitud | ie/Longitude | No. |
|----|--------|--------|------------------|-------------------------|--------------|----------------|---|---|--|-------|
| Ž. | Start | End | Calegory | пеш | ocation * | Rating ** + | Action/Comment | Start | End | Photo |
| _ | 1 1.23 | 1.62 | Earthen Levee | Encroachments | LS | M En | DT : Ditch | 39.529933 ° -121.861563 ° DWR ID: DWR_M | 39.534102 ° -121.856947 ° A0005_02_s _ 2012 | |
| | 2 1.45 | 1.45 | Supplemental | DWR UCIP Field Study | LS | U | Inspector Comments: FS_ID:7867 EP_NO: 16381 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Gasline not marked. Notes in permit indicate installation occured. Owner needs to install markers. FIELD_STRUCT_DESC: 1 of 2: 2" gas main. (Permit No. 16381) FS Date: 11/2/2012 | 39.732942 ° -121.772445 ° | 39.732942° -121.772445° | 23 |
| | | | | | | | | DWR ID: DWR_M | A0005_02_f _ 2013_ | _23 |
| | 3 1.45 | 1.45 | Supplemental | DWR UCIP Field Study | LS | U En | Inspector Comments: FS_ID:14744 EP_NO: 16381 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: Gasline not marked. Notes in permit indicate installation occured. Owner needs to install markers.6/6/2013 Same as last inspection. Unable to locate. FIELD_STRUCT_DESC: 1 of 2: 2" gas main. (Permit No. 16381) FS Date: 6/6/2013 | 39.732942 ° -121.772445 ° | | 24 |

DWR ID: DWR_MA0005_02_f _ 2013_24

1.89 1.89 Earthen Encroachments LS M GA: Garbage 39.536923° 39.536923° -121.853638 ° -121.853638 ° Levee Ma DWR ID: DWR_MA0005_02_s _ 2012_4

5 1.94 1.94 Supplemental DWR UCIP LS M Inspector Comments: FS_ID:14758 39.537455° 39.537455° -121.853061 ° -121.853061 ° Field Study EP_NO: N/A Repair Type: Non-Urgent

Crossing Status: Found UCIP Comments: Vegetation needs to be cleared from outlet.6/6/2013 Same as last inspection. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee, 17.0 feet below the crown. Flap gate on the waterward end. Slide gate on LS toe. Concrete

headwall at both toes. FS Date: 6/6/2013

DWR ID: DWR_MA0005_02_f _ 2013_27

Location LS: Land Side WS : Water Side CR : Crown Rating M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | Waterway | | | | | | | Inspection Start/End | Inspec | ctor |
|-----|------------------------------------|-------------|-------------------------|----------------|----------------|--|-------|-------------------------------|-----------------------------------|--------------|
| | Unit No. 02 Butte Creek 1 | | | | | | 16.53 | 11/20/2013 11/20/2013 | 11/20/2013 Boi 11/20/2013 Duff | |
| LMR | Levee Mile Start End Category Item | | | | Action/Comment | | | GPS Latitude | e/Longitude | Issue No. |
| No. | | | lion + | Action/Comment | | | Start | End | Photo | |
| 6 | 1.94 1.94 | Supplementa | DWR UCIP Field Study | LS N | | | - | 39.537455 ° 121.853061 ° - | 39.537455 ° 121.853061 ° | |

Repair Type: Non-Urgent Crossing Status: Found

FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee, 17.0 feet below the crown. Flap gate on the waterward end. Slide gate on LS toe. Concrete headwall at both toes. FS Date: 10/31/2012

DWR ID: DWR MA0005 02 f 2013 28 39.544374° 39.544028° 2.50 2.51 Supplemental USACE Erosion WSA/W Inspector Comments: 2008 - Sandy non-cohesive bank Ma with rotational/slab failure. 2012: Site removed from the -121.846366 ° -121.846595 ° Survey inventory, the erosion is not in projection of levee slope. [2012 Site ID: BTC_2-5_R] DWR ID: 8 2.92 2.92 Supplemental DWR UCIP 39.549014 ° 39.549014 ° WS M Inspector Comments: FS_ID:14759 -121.842866 ° -121.842866 ° Field Study EP_NO: 3927 Fn Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump does not appear to be in use or is abandoned.6/6/2013 Same as last inspection.

FIELD_STRUCT_DESC: 20-inch steel pipe through the levee, 2.4 feet below the crown. Siphon breaker in 24inch corrugated metal riser on the landward shoulder. Portable pump on the waterward side. (Permit No. 3927) FS Date: 6/6/2013

UCIP Comments: Vegetation needs to be cleared from

DWR ID: DWR_MA0005_02_f _ 2013_29 2.92 2.92 Supplemental DWR UCIP 39.549014° 39.549014° 30 Inspector Comments: FS_ID:7699 WS M -121.842866 ° -121.842866 ° Field Study EP_NO: 3927 Fn Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump does not appear to be in use or is abandoned FIELD_STRUCT_DESC: 20-inch steel pipe through the levee, 2.4 feet below the crown. Siphon breaker in 24inch corrugated metal riser on the landward shoulder. Portable pump on the waterward side. (Permit No. 3927) FS Date: 10/31/2012 DWR ID: DWR_MA0005_02_f _ 2013_30

Encroachments LS M DT: Ditch 39.551780 ° 39.567430 ° 10 3.15 4.60 Earthen -121.840507 ° -121.823065 ° Levee Fn DWR ID: DWR_MA0005_02_s _ 2012_7

Location LS: Land Side WS: Water Side CR: Crown

Rating

N : Not Inspected/Rated Minimally Acceptable Corrected : Acceptable but Monitor & Maintain U : Unacceptable

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | | | V | Vaterwa | ıy | | Bank | Unit Miles | Inspection Start/End | Inspec | ctor |
|-----------------|---------|--------------|-------------------------|---------------|---------|---|--|---|------------------------------------|--------------------------|-----------------------|
| | | | Unit No. (|)2 Butt | te C | reek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffe | |
| Lev No. Star | rt End | Category | Item | Location * | Rating | Action/Comment | | | GPS Latitude/L | Longitude | Issue No. Photo |
| 11 4. | 16 4.16 | Supplemental | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:14772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on WS and concrete.6/6/2013 Sutter Maintenance Jason Cooper said there is a flap gate of the pipe in the western most ditch to preflooding. Not sure if this is adequate, with inspector to find out. FIELD_STRUCT_DESC: 5 of 5: Abando inch pipes through the levee, 16.6 feet by Slide gates on the waterward ends. Wood the waterward slope. (USACE 1955) FS Date: 6/10/2013 8:44:24 AM | Yard supern the LS event high II talk to lead oned in place of the lead of the | ed with ervisor end of water evee ace. 60- crown. | 39.562875 ° 3: 121.828782 ° -12 | | |
| 12 4. | 16 4.16 | Supplemental | DWR UCIP Field Study | LS | | Inspector Comments: FS_ID:14783 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on WS and concrete.6/6/2013 Sutter Maintenance. Jason Cooper said there is a flap gate of the pipe in the western most ditch to preflooding. Not sure if this is adequate, with inspector to find out. FIELD_STRUCT_DESC: 5 of 5: Abando inch pipes through the levee, 16.6 feet be Slide gates on the waterward ends. Woot the waterward slope. (USACE 1955) FS Date: 6/6/2013 | Yard supern the LS event high II talk to lead oned in place of the lead of the | ed with ervisor end of water evee ace. 60- crown. | | 9.562875 ° 1.828782 ° | 32 Y |
| 13 4. | 16 4.16 | Supplemental | DWR UCIP Field Study | LS | | Inspector Comments: FS_ID:7728 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on WS and concrete. FIELD_STRUCT_DESC: 5 of 5: Abando inch pipes through the levee, 16.6 feet b Slide gates on the waterward ends. Woo the waterward slope. (USACE 1955) FS Date: 11/1/2012 | oned in pla | ed with ace. 60- crown. | 39.562875 ° 39.5628782 ° -12 | | |

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | | | | Wa | terwa | ay | | Bank | Unit Miles | Inspection Start/End | Inspec | ctor |
|-----|-------|------|------------------|-------------------------|----------|---------|---|---------------------------------------|--|---|--------------------------|--------------|
| | | | | Unit No. 02 | Butt | te C | reek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffe | |
| LMR | Levee | Mile | Category | Item | Location | Rating | Action/Comment | | | GPS Latitude/ | ongitude | Issue No. |
| No. | Start | End | Calegory | iteiii | tion | ng + | Action/Comment | | | Start | End | Photo |
| 14 | 5.43 | 5.43 | Supplemental | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:14789 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. outfall on WS. Unable to locate inlet on Same as last inspection. FIELD_STRUCT_DESC: 24-inch corrug through the levee, 12.5 feet below the cr and flap gate in 56-inch cmp riser on WS on the waterward end. (USACE 1955) FS Date: 6/6/2013 | LS.6/6/2 ated meta rown. Slic | o locate 013 al pipe de gate | 39.576008 ° 3.121.812599 ° -12 | | Y |
| 15 | 5.43 | 5.43 | Supplemental | DWR UCIP Field Study | LS | | Inspector Comments: FS_ID:7738 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. outfall or flap gate on WS. Unable to loc FIELD_STRUCT_DESC: 24-inch corrug through the levee, 12.5 feet below the cr in 48-inch cmp riser on WS berm. Flap waterward end. (USACE 1955) FS Date: 11/1/2012 | cate inlet ated meta rown. Slic | o locate on LS. al pipe de gate | 39.576008 ° 3 121.812599 ° -12 | 1.812599° | |
| 16 | 5.43 | 5.43 | Supplemental | DWR UCIP Field Study | LS | | Inspector Comments: FS_ID:7739 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. outfall on WS. Unable to locate inlet on FIELD_STRUCT_DESC: 24-inch corrug through the levee, 12.5 feet below the cr and flap gate in 56-inch cmp riser on W3 on the waterward end. (USACE 1955) FS Date: 11/1/2012 | LS. ated meta rown. Slic | o locate al pipe de gate | DWR ID: DWR_MA00 39.576008 ° 3 121.812599 ° -12 | 9.576008° 1.812599° | 36 |
| 17 | 7.38 | 7.38 | Earthen Levee | Encroachments | LS | M Ma | PR : Prunings | | - | | 9.599607 ° 1.793848 ° | 11 Y |
| 18 | 7.86 | 7.86 | Earthen Levee | Encroachments | LS | M Ma | PR : Prunings | | - | 39.605265 ° 3 121.788388 ° -12 DWR ID: DWR_MA00 | | Υ |
| 19 | 8.10 | 8.10 | Earthen Levee | Slope Stability | LS | M Ma | S3 : Repair the levee slope damaged by prevent access where possible. | vehicle t | | 39.607710 ° 3 121.785868 ° -12 DWR ID: DWR_MA00 | | Υ |

| Location | |
|-----------------|--|
| LS : Land Side | |
| WS : Water Side | |
| CR : Crown | |

* Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |
| ≦ Levee Mile ਤਿ. ਕ | | | GPS Latitude/L | ongitude Issue |

| | | | | | | | | Ū | | 11/20/2013 | Dune | - y |
|---------|-------|-------------|------------------|-------------------------|----------|---------|--|---|-----------------------------------|---|--------------------------|--------------|
| LMR No. | Levee | Mile End | Category | Item | Location | Rating | Action/Comment | | | GPS Latitude/L | ongitude End | Issue No. |
| 20 | | | Supplemental | DWR UCIP Field Study | LS | | Inspector Comments: FS_ID:14801 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 3/4 full with soil of Same as last inspection. FIELD_STRUCT_DESC: 24-inch corrugathrough the levee, 6.7 feet below the crown headwall at the landward toe. Flap gate of end. (USACE 1955) FS Date: 6/6/2013 | ated meta wn. Conc | 2013 I pipe rete | | 9.607802 ° 1.785597 ° | 37 Y |
| 21 | 8.12 | 8.12 | Supplemental | DWR UCIP Field Study | LS | M En | Inspector Comments: FS_ID:7752 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 3/4 full with soil of FIELD_STRUCT_DESC: 24-inch corrugathrough the levee, 6.7 feet below the crotheadwall at the landward toe. Flap gate of end. (USACE 1955) FS Date: 11/1/2012 | ated meta wn. Conc | l pipe rete | 39.607802 ° 3 -121.785597 ° -12 | | |
| 22 | 8.45 | 8.45 | Earthen Levee | Encroachments | LS | M En | PR : Prunings | | | 39.612212 ° 3 -121.782922 ° -12 DWR ID: DWR_MA000 | 9.612212 ° 1.782922 ° | 15 Y |
| 23 | 8.80 | 8.80 | Earthen Levee | Encroachments | LS | M En | PR : Prunings | | | 39.616353 ° 3 -121.779808 ° -12 DWR ID: DWR_MA000 | | Υ |
| 24 | 8.91 | 8.91 | Supplemental | DWR UCIP Field Study | LS | U En | Inspector Comments: FS_ID:14809 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe rusted through all WS oulet. Sink hole over pipe on WS be headwall eroded eternally around backsic headwall.6/6/2013 Same as last inspect been made to repair during summer of 20 water season. FIELD_STRUCT_DESC: 24-inch corrugat through the levee, 15.0 feet below the cro the waterward end. Concrete headwalls of (USACE 1957) FS Date: 6/6/2013 | erm. WS de of tion. Plan 013 befor ated meta own. Flap | m at s have e high I pipe gate on | 39.617747° 3 -121.778964° -12 | | Y |

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Wa | aterway | | Bank | Unit Miles | Inspection Start/End | Inspector |
|--|------------------------|--|---|--|-------------------------------------|--------------------------------|
| Unit No. 02 | Butte 0 | Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Start End Category Item | Rating ** + Location * | Action/Comment | | | GPS Latitude/L | ongitude Issu No End Pho |
| 25 8.91 8.91 Supplemental DWR UCIP Field Study | LS U En | Inspector Comments: FS_ID:7769 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe rusted through a WS oulet. Sink hole over pipe on WS b headwall eroded eternally around backs FIELD_STRUCT_DESC: 24-inch corrug through the levee, 15.0 feet below the ci the waterward end. Concrete headwalls (USACE 1957) FS Date: 11/1/2012 | erm. WS ide of hea ated met rown. Flap | om at adwall. al pipe o gate on | 39.617747 ° 39.617748964 ° -12 | |
| 26 8.91 8.91 Earthen Encroachments Levee | LS M En | PR : Prunings | | - | 39.617785 ° 39.121.778969 ° -12 | 9.617785° 12 1.778969° Y |
| 27 8.94 8.94 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:14810 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS inlet is buried und covered with brambles. Slide gate miss LS.6/6/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch pipe tf 12.0 feet below the crown. Flap gate on Concrete headwall on the waterward en- FS Date: 6/6/2013 | ing from nrough the waterwar | d e levee, d end. | 39.618163 ° 39. 121.778745 ° -12 | 9.618163 ° 41 1.778745 ° |
| | | | | | DWR ID: DWR_MA000 | 5_02_f _ 2013_41 |
| 28 8.94 8.94 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:7770 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS inlet is buried unde covered with brambles. Slide gate miss FIELD_STRUCT_DESC: 24-inch pipe th 12.0 feet below the crown. Flap gate on Concrete headwall on the waterward en- FS Date: 11/1/2012 | ing from I rrough the waterwar | d LS. e levee, d end. | 39.618163 ° 39.6121.778745 ° -12 | |
| | | | | | DWR ID: DWR_MA000 | 5_02_f _ 2013_42 |

| Location | |
|-----------------|--|
| LS : Land Side | |
| WS : Water Side | |
| CR : Crown | |

Vegetation

Ma and easements.

LS A V1 : Control annual grass and weeds on the levee slopes

8.99 8.99 Earthen

Levee

39.618857 ° 39.618857 °

DWR ID: DWR_MA0005_02_f _ 2013_69

-121.778357 ° -121.778357 °

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Wa | aterway | | Bank | Unit Miles | Inspection Start/End | Inspector |
|--|------------------------|---|-----------------------|-------------------------|---|-------------------------------|
| Unit No. 02 | Butte Cr | reek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Start End Category Item | Rating ** + Location * | Action/Comment | | | GPS Latitude/I | Longitude Issue No. End Photo |
| 9.59 9.59 Supplemental DWR UCIP Field Study | En | Inspector Comments: FS_ID:7820 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 1/2 filled with soil FIELD_STRUCT_DESC: 24-inch corruga drain pipe through the levee, 11.2 feet be Flap gate on waterward end. Concrete "Under the Concrete " | ated meta elow the | al storm crown. | 39.626894 ° 3 -121.775180 ° -12 | |
| 31 9.59 9.59 Supplemental DWR UCIP Field Study | En | Inspector Comments: FS_ID:7826 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 1/2 filled with soil FIELD_STRUCT_DESC: 24-inch corrugation pipe through the levee, 11.2 feet be Flap gate on waterward end. Concrete "Under the soil beadwalls on both ends. (USCE 1957) FS Date: 11/1/2012 7:45:00 AM | ated meta elow the | al storm crown. | 39.626894° 3 -121.775180° -12 | 9.626894 ° 44 1.775180 ° |
| 32 9.59 9.59 Supplemental DWR UCIP Field Study | En | Inspector Comments: FS_ID:14812 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe 1/2 filled with soil Same as last inspection. FIELD_STRUCT_DESC: 24-inch corruga drain pipe through the levee, 11.2 feet be Flap gate on waterward end. Concrete "U headwalls on both ends. (USCE 1957) FS Date: 6/6/2013 | ated meta | 3 al storm crown. | 39.626894 ° 3 -121.775180 ° -12 | 9.626894° 45 |
| | | | | | DWR ID: DWR_MA000 | 05_02_f _ 2013_45 |
| 33 10.54 10.54 Earthen Encroachments Levee | LS M Ma | PR : Prunings | | | 39.639018 ° 3 -121.781458 ° -12 DWR ID: DWR_MA000 | |
| 34 10.61 10.61 Earthen Encroachments Levee | LS M En | EQ : Equipment | | | 39.639967 ° 3 -121.782152 ° -12 DWR ID: DWR_MA000 | |
| 35 10.79 10.79 Earthen Levee Slope Stability | | S3 : Repair the levee slope damaged by prevent access where possible. | vehicle t | | 39.642061 ° 3 -121.783861 ° -12 DWR ID: DWR_MA000 | |
| 36 10.95 10.99 Earthen Levee Encroachments | LS M En | TR : Tree or limb | | - | 39.644076 ° 3 -121.785471 ° -12 DWR ID: DWR_MA000 | |
| 37 11.22 11.22 Earthen Vegetation Levee | | V4 : Elderberries are blocking visibility an capability. | nd flood f | | 39.647400 ° 3 -121.787825 ° -12 DWR ID: DWR_MA000 | 1.787825° |

Location LS: Land Side WS : Water Side CR : Crown * Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

DWR ID: DWR_MA0005_02_f _ 2013_48

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | Wat | erway | | Bank | Unit Miles | Inspection Start/End | Inspect | or |
|---------------------------------------|----------------------------|----------------------|---|---|---|------------------------------------|--------------------------|-----------------------|
| | Unit No. 02 | Butte C | Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey | / |
| Levee Mile Start End Category | Item | Rating ** + Location | Action/Comment | | | GPS Latitude/L | Lorigitude | Issue No. Photo |
| ³⁸ 11.29 11.29 Supplementa | DWR UCIP Field Study | LS U En | Inspector Comments: FS_ID:7832 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: No slide gate in either waterward slope or distribution box on Li through levee. FIELD_STRUCT_DESC: 24-inch corrug through the levee, 9.7 feet below the cro corrugated metal riser on the waterward in concrete distribution box on the landw 1958) FS Date: 11/1/2012 | S toe. Pip ated meta wn. Slide slope. Sl | on pe open al pipe gate in ide gate | 39.648169 ° 3: 121.788541 ° -12 | | 46 |
| ³⁹ 11.29 11.29 Supplementa | al DWR UCIP Field Study | LS U En | Inspector Comments: FS_ID:7825 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: No slide gate in either waterward slope or distribution box on Li through levee. FIELD_STRUCT_DESC: 24-inch corrug through the levee, 9.7 feet below the cro corrugated metal riser on the waterward in concrete distribution box on the landw 1958) FS Date: 11/1/2012 | S toe. Pip ated meta wn. Slide slope. Sl | on pe open al pipe gate in ide gate | | 9.648169 ° 1.788541 ° | 47 Y |
| ⁴⁰ 11.29 11.29 Supplementa | DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:7827 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandon be abandoned properly. FIELD_STRUCT_DESC: 30-inch corrug through the levee, 9.4 feet below the cro 42-inch corrugated metal riser on the wa | ated meta wn. Slide iterward s | eeds to al siphon gate in slope. | 39.648185 ° 3 121.788563 ° -12 | 9.648185 ° 1.788563 ° | 48 Y |

| Location | |
|-----------------|--|
| LS : Land Side | |
| WS : Water Side | |
| CR · Crown | |

1958)

FS Date: 11/1/2012

Concrete distribution box on the landward side. (USCE

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| | Waterway | / | | Bank | Unit Miles | Inspection Start/End | Inspec | ctor |
|---|-----------------|--|--|--|---|---|----------------------------|-----------------------|
| Uni | it No. 02 Butte | e Cre | reek 1 Right 16.53 | | | 11/20/2013 11/20/2013 | Bob Duffe | |
| | Item ** | Rating | Action/Comment | | | GPS Latitude | | Issue No. Photo |
| 5 Start End Supplemental DWR Field S | UCIP LS N | M III En E L L L L L L L L L L L L L L L L L L L | nspector Comments: FS_ID:14817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found JCIP Comments: Pipe appears abandor be abandoned properly.6/6/2013 Same inspection. FIELD_STRUCT_DESC: 30-inch corrugathrough the levee, 9.4 feet below the cro 42-inch corrugated metal riser on the wa Concrete distribution box on the landwar 1958) FS Date: 6/6/2013 | as last ated meta wn. Slide terward s | eeds to al siphon gate in slope. | Start 39.648185 ° 121.788563 ° -1 | | 49 |
| 42 11.74 11.95 Earthen Levee Encro | achments LS M | M [| DT : Ditch | | - | 39.654268 ° 121.789525 ° -1 | 39.657142 ° 21.788690 ° | 6 Y |
| 43 11.94 11.94 Earthen Levee Encro | | M F En | PR : Prunings | | - | 39.657050 ° 121.788717 ° -1 DWR ID: DWR_MAG | | Υ |
| 44 12.25 12.25 Supplemental DWR Field S | | En E F C U a F Id C | nspector Comments: FS_ID:14818 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found JCIP Comments: This pipe appears to be abandoned.6/6/2013 Same as last insperience. FIELD_STRUCT_DESC: 30-inch siphon evee, 12.3 feet below the crown. Slide gorrugated metal riser on the waterward foot Concrete distribution box at LS toe. FS Date: 6/6/2013 | ection. pipe thro ate in 42 slope. 5 | ough the -inch i-foot X 5- | 121.786341°-1 | | |
| 45 12.25 12.25 Supplemental DWR | UCIP LS N | M | nspector Comments: FS_ID:7828 | | | 39.660980 ° | 39.660980 ° | |
| Field S | | En E F C U F Id C | EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found JCIP Comments: This pipe appears to be FIELD_STRUCT_DESC: 30-inch siphon evee, 12.3 feet below the crown. Slide georrugated metal riser on the waterward foot Concrete distribution box at LS toe. FS Date: 11/1/2012 | pipe throate in 42 slope. 5 | oned. ough the -inch 5-foot X 5- | 121.786341 ° -1 | 21.786341 ° | Y |

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspec | ctor |
|---|-------|------------|--------------------------|--------------|--------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffe | |
| Levee Mile Start End Category Item Category Action/Comment | | | GPS Latitude | | Issue No. |
| Start End Category Rem Start End Category | | | | End | Prioto |

39.670982 ° 39.670982 ° 46 12.99 12.99 Supplemental DWR UCIP WS U Inspector Comments: FS ID:14819 -121.783103 ° -121.783103 ° EP NO: N/A Field Study Repair Type: Urgent Crossing Status: Found UCIP Comments: Slide gate on WS shoulder bent and damaged (inoperable) Pipe appears abandoned.6/6/2013 New slidegate is planned to be installed during summer of 2013. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 14.0 feet below the crown. Slide gate in corrugated metal riser on the waterward slope. (USCE 1958)

FS Date: 6/6/2013 DWR ID: DWR_MA0005_02_f _ 2013_52 47 12.99 12.99 Supplemental DWR UCIP WS U Inspector Comments: FS_ID:7829 39.670982 ° 39.670982 ° -121.783103 ° -121.783103 ° EP_NO: N/A Field Study En Repair Type: Urgent Crossing Status: Found UCIP Comments: Slide gate on WS shoulder bent and damaged (inoperable) Pipe appears abandoned. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 14.0 feet below the crown. Slide gate in corrugated metal riser on the waterward slope. (USCE 1958) FS Date: 11/1/2012 DWR ID: DWR_MA0005_02_f _ 2013_53 ⁴⁸ 13.03 13.03 Earthen Encroachments LS M PR: Prunings 39.671239 ° 39.671239 °

-121.782486 ° -121.782486 ° En DWR ID: DWR_MA0005_02_s _ 2012_19 49 13.23 13.23 Earthen Encroachments LS 39.673956° 39.673956° M EQ: Equipment -121.781278 ° -121.781278 ° Levee Ma DWR ID: DWR_MA0005_02_s _ 2012_5 50 13.35 13.35 Earthen 39.675311 ° 39.675311 ° Encroachments WS M PR: Prunings Levee -121.780371 ° -121.780371 ° En DWR ID: DWR_MA0005_02_s _ 2013_22

51 13.35 13.35 Supplemental DWR UCIP WS M Inspector Comments: FS_ID:14820 39.675379° 39.675379° -121.780319 ° -121.780319 ° Field Study EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned. No

pump found. Pipe should be abandoned properly.6/6/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 9.0 feet below the crown. Slide gate in 36-inch corrugated metal riser on the waterward slope. Pump and 36-inch concrete standpipe on the waterward berm. (USCE 1958)

FS Date: 6/6/2013

DWR ID: DWR_MA0005_02_f _ 2013_54

Location LS: Land Side WS: Water Side CR: Crown

Rating Minimally Acceptable U: Unacceptable

N : Not Inspected/Rated Corrected Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|---|-----------------------------|----------------------|--|--|---|---|------------------------------|--|
| | Unit No. | 02 Butte C | reek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey | |
| Levee Mile Start End Category | Item | Rating ** + Location | Action/Comment | | | GPS Latitude/L | ongitude Issue No. End Photo | |
| ⁵² 13.35 13.35 Supplemen | tal DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:7830 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be ab pump found. Pipe should be abandoned FIELD_STRUCT_DESC: 24-inch pipe th 9.0 feet below the crown. Slide gate in 3 metal riser on the waterward slope. Pum concrete standpipe on the waterward be FS Date: 11/1/2012 | 39.675379 ° 39.675379 ° 59.675379 ° 59.675379 ° 59.675379 ° 69.675370 ° 69.675370 ° 69.675370 ° 69.675370 ° 69.675370 ° 69.675370 ° 69.675 | | | | |
| 53 13.59 13.59 Supplemen | tal DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:7833 EP_NO: 17127 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris, soil, and vege minor blockage at flap gate outlet. FIELD_STRUCT_DESC: 36-Inch Corrug drain pipe through the levee approximate the crown. 4-foot X 4-foot concrete box land side. Concrete headwall and flap g outlet. (Permit No. 17127) FS Date: 11/1/2012 | gated Me ely 12-fee and slide | eating tal pipe et below gate on | 39.678267 ° 39. -121.778322 ° -12 | | |
| 54 13.59 13.59 Supplemen | tal DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:14822 EP_NO: 17127 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris, soil, and vege minor blockage at flap gate outlet.6/6/20 last inspection. FIELD_STRUCT_DESC: 36-Inch Corrug drain pipe through the levee approximate the crown. 4-foot X 4-foot concrete box land side. Concrete headwall and flap g outlet. (Permit No. 17127) FS Date: 6/6/2013 | on Sam gated Merely 12-fee and slide | eating e as tal pipe et below gate on | | 9.678267 ° 57 1.778322 ° | |
| ⁵⁵ 13.97 14.16 Earthen Levee | Vegetation | WSA/W En | V8 : Environmental Requirements. | | - | 39.683630 ° 39.683630 ° -12. -121.777916 ° -12. DWR ID: DWR_MA000 | 1.779051 ° | |
| ⁵⁶ 13.99 13.99 Supplemen | tal DWR UCIP Field Study | WS M En | Inspector Comments: FS_ID:7850 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be ab FIELD_STRUCT_DESC: 8-inch steel pip 6.5 feet below crown. Boiler attached to (USACE 1958) FS Date: 11/2/2012 | e throug | l. h levee, | 39.683896° 39. -121.778183° -12° | | |

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------------|-------------------|----------------------|---|---|--|--|------------------------------|
| U | Jnit No. 02 E | Butte C | creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Start End Category | Item | Rating ** + Location | Action/Comment | | | GPS Latitude/L | ongitude Issue No. End Photo |
| 57 13.99 13.99 Supplemental DW Field | R UCIP d Study | LS M En | Inspector Comments: FS_ID:14830 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned.6/6/2013 Boiler has been reburied on LS. Unable to locate. FIELD_STRUCT_DESC: 8-inch steel pip 6.5 feet below crown. Boiler attached to (USACE 1958) FS Date: 6/6/2013 | oe throug | nd pipe h levee, | 39.683896 ° 39.121.778183 ° -12 | |
| 58 14.15 14.15 Supplemental DW Field | R UCIP d Study | LS M En | Inspector Comments: FS_ID:7851 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be ab FIELD_STRUCT_DESC: 6-inch steel pip 7.1 feet below crown. Siphon breaker in riser on landward slope. One corrugated Pipe is open on both ends. (USCE 1958 FS Date: 11/2/2012 | oe throug corrugate metal cu | h levee, ed metal | 39.685961 ° 39.121.779041 ° -12 | |
| 59 14.15 14.15 Supplemental DW Field | R UCIP d Study | LS M En | Inspector Comments: FS_ID:14831 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned.6/6/2013 Same as last insp FIELD_STRUCT_DESC: 6-inch steel pip 7.1 feet below crown. Siphon breaker in riser on landward slope. One corrugated Pipe is open on both ends. (USCE 1958 FS Date: 6/6/2013 | oe throug corrugate metal cu | h levee, ed metal | | 9.685961 ° 61 |
| | | | | | | DWR ID: DWR_MA000 | |
| 60 14.54 14.54 Earthen Enc Levee | croachments | LS U En | BU : Building | | - | 39.691432 ° 39.691432 ° -121.778933 ° -121. | |
| 61 14.82 14.82 Supplemental DW Field | R UCIP d Study | LS M En | Inspector Comments: FS_ID:7860 EP_NO: 14519 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe outlet burried and function. FIELD_STRUCT_DESC: 24-inch Soil pr drain pipeline through the levee 12-feet I Concrete headwall on LS toe, 4'X4' cond slide gate on WS shoulder. Outlet with 1 stream 275-feet south east of concrete it shoulder. (Permit No. 14519.) FS Date: 11/2/2012 | oofed ste below the crete box lap gate | e will not el storm crown. with near | 39.695204 ° 39.695204 ° -12.695 | |

* Location LS: Land Side WS : Water Side CR : Crown * Rating A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | | | | Unit Miles | Inspection Start/End | Inspector |
|--|----------------------|---|---|---|--|------------------------------|
| Unit No. 02 Butte Creek 1 Right | | | | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Start End Category Item | Rating ** + Location | Action/Comment | | | GPS Latitude/L | ongitude Issue No. End Photo |
| 62 14.82 14.82 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:14835 EP_NO: 14519 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe outlet burried and function.6/6/2013 Same as last inspecti FIELD_STRUCT_DESC: 24-inch Soil pr drain pipeline through the levee 12-feet the Concrete headwall on LS toe, 4'X4' cond slide gate on WS shoulder. Outlet with f stream 275-feet south east of concrete to shoulder. (Permit No. 14519.) FS Date: 6/6/2013 | on. oofed ste below the crete box flap gate | e will not eel storm crown. with near | 39.695204 ° 39.121.778557 ° -12 | |
| 63 15.71 15.71 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:7863 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for vid FIELD_STRUCT_DESC: 1 of 2: 54-inch through the levee, 17.8 feet below crown inch CMP riser on waterward side. Conc irrigation ditch at the landward toe. Larg floodway likely related. (USCE 1958) FS Date: 11/2/2012 | n siphon p n. Slide g rete head | ection. pipe pate in 66- dwall and | 39.707544 ° 39.707544 ° 39.707544 ° -124 | 777701° Y |
| 64 15.71 15.71 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:14838 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for vic inspection.6/6/2013 Same as last inspe FIELD_STRUCT_DESC: 1 of 2: 54-inch through the levee, 17.8 feet below crown inch CMP riser on waterward side. Conc irrigation ditch at the landward toe. Larg floodway likely related. (USCE 1958) FS Date: 6/6/2013 | ction. n siphon p n. Slide g rete head | oipe ate in 66- dwall and | 39.707544 ° 39. 121.777701 ° -12 | 9.707544 ° 65 1.777701 ° |
| 65 15.71 15.71 Supplemental DWR UCIP Field Study | LS M En | Inspector Comments: FS_ID:14839 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for vio inspection.6/6/2013 Same as last inspectonstruct covers for top of standpipe. FIELD_STRUCT_DESC: 1 of 2: 54-inch through the levee, 17.8 feet below crown inch CMP riser on waterward side. Conc irrigation ditch at the landward toe. Larg floodway likely related. (USCE 1958) FS Date: 6/6/2013 | ction. No n siphon p n. Slide g rete head | eed to pipe late in 66- dwall and | .121.777701 ° -12 | 0.707544 ° 66 1.777701 ° |
| * Location LS : Land Side WS : Water Side ** Rating A : Acceptable M : Minimally Accept | | + Issue Type Not Inspected/Rated Ma : Maintenanc Corrected Ob : Design & Sy | ystem Obsol | | DWR ID: DWR_MA000 | 5_02_f _ 2013_66 |
| CR : Crown U : Unacceptable Tuesday December 10, 2013, 07:40 | A/W : A | Acceptable but Monitor & Maintain En : Enforcemen | nt | | | Page 13 of 27 |

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--|---|---|-----------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |
| Levee Mile Start End Category Item Start End Category Item Action/Comment | | | GPS Latitude | No. |
| Start End Category Rem S + S + S Action/Comment | | | Start | End Photo |
| 66 15.71 15.71 Supplemental DWR UCIP Field Study LS M En EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for v inspection.6/6/2013 Same as last inspector cover for top of standpipe. FIELD_STRUCT_DESC: 2 of 2: 54-inc through the levee, 17.8 feet below crow inch CMP riser on waterward side shou headwall and irrigation ditch at the land structure in floodway likely related. (US FS Date: 6/6/2013 | h siphon p n. Slide g lder. Cond ward toe. | eed to pipe pate in 66- crete | 39.707569 ° 121.777705 ° -1 | |
| 67 15.71 15.71 Supplemental DWR UCIP Field Study LS M Inspector Comments: FS_ID:7864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Good candidate for v FIELD_STRUCT_DESC: 2 of 2: 54-inc through the levee, 17.8 feet below crow inch CMP riser on waterward side shou headwall and irrigation ditch at the land structure in floodway likely related. (US FS Date: 11/2/2012 | h siphon p n. Slide g lder. Cond ward toe. | ection. pipe gate in 66- crete | 39.707569 ° 121.777705 ° -1 | |

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 1 |
|---------------------------|-----------------|
| Start Levee Mile | 1.23 |
| End Levee Mile | 1.62 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| View of the AG ditch alor | ng the L/S toe. |

| rduffey_f_ | _20130919 |)_773.jpg |
|------------|-----------|-----------|
|------------|-----------|-----------|

| Levee Mile Report Line | 4 | | |
|---------------------------------------|---------------|--|--|
| Start Levee Mile | 1.89 | | |
| End Levee Mile | 1.89 | | |
| Location | Land Side | | |
| Category | Earthen Levee | | |
| Item | Encroachments | | |
| View of the gerhage clang the L/C too | | | |

View of the garbage along the L/S toe.

| | | rduffey | f | 20130919 | 776 | ô.jpg |
|--|--|---------|---|----------|-----|-------|
|--|--|---------|---|----------|-----|-------|

| Levee Mile Report Line | 6 | |
|---|----------------------|--|
| Start Levee Mile | 1.94 | |
| End Levee Mile | 1.94 | |
| Location | Land Side | |
| Category | Supplemental | |
| Item | DWR UCIP Field Study | |
| Concrete headwall and slide gate on LS toe. | | |

UCIP_3352.jpg







| * Location | |
|-----------------|--|
| LS : Land Side | |
| WS : Water Side | |
| 00 0 | |

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monit : Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Laura Mila Danast Lina | - |
|---------------------------|----------------------|
| JSACE2013_BTC_2-5_R_1.jpg | |
| | |
| | |
| JSACE 2012 Photo #1 | |
| Item | USACE Erosion Survey |
| Category | Supplemental |
| Location | Water Side |
| End Levee Mile | 2.51 |
| Start Levee Mile | 2.50 |
| Levee Mile Report Line | 7 |

| Levee Mile Report Line | 7 |
|------------------------|----------------------|
| Start Levee Mile | 2.50 |
| End Levee Mile | 2.51 |
| Location | Water Side |
| Category | Supplemental |
| Item | USACE Erosion Survey |
| | |

USACE 2012 Photo #2

USACE2013_BTC_2-5_R_2.jpg

| Levee Mile Report Line | 9 | |
|---|----------------------|--|
| Start Levee Mile | 2.92 | |
| End Levee Mile | 2.92 | |
| Location | Water Side | |
| Category | Supplemental | |
| Item | DWR UCIP Field Study | |
| Air vent in 24-inch CMP riser on LS shoulder. | | |







* Location

LS : Land Side

WS : Water Side

CR : Crown

UCIP_3354.jpg

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 10 | |
|---|---------------|--|
| Start Levee Mile | 1.5 | |
| End Levee Mile | | |
| | Land Side | |
| | Earthen Levee | |
| Catogory | Edition Edvoc | |
| Item | Encroachments | |
| View of the AG ditch along the L/S toe. | | |
| | | |

rduffey_f_20130919_778.jpg

| 12 |
|----------------------|
| 4.16 |
| 4.16 |
| Land Side |
| Supplemental |
| DWR UCIP Field Study |
| |

Concrete headwall on WS shoulder.

| UCIP | 7855.jpg |
|------|----------|
| | 000.,pg |

| UCIP_7855.jpg | | |
|-------------------------------|----------------------|--|
| Levee Mile Report Line | 14 | |
| Start Levee Mile | 5.43 | |
| End Levee Mile | 5.43 | |
| Location | Land Side | |
| Category | Supplemental | |
| Item | DWR UCIP Field Study | |
| 56-inch CMP riser on WS berm. | | |
| UCIP_7858.jpg | | |







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

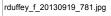
+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 17 | | |
|--|---------------|--|--|
| Start Levee Mile | 7.38 | | |
| End Levee Mile | 7.38 | | |
| Location | Land Side | | |
| Category | Earthen Levee | | |
| Item | Encroachments | | |
| View of the prunings pile along the L/S toe. | | | |



| Levee Mile Report Line | 18 |
|------------------------|---------------|
| Start Levee Mile | 7.86 |
| End Levee Mile | 7.86 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| | |

View of the debris and garbage along the landside toe of the levee.

rduffey_f_20130919_774.jpg

| Levee Mile Report Line | 19 | |
|--|-----------------|--|
| Start Levee Mile | 8.10 | |
| End Levee Mile | 8.10 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Slope Stability | |
| View of the vehicle erosion along the slope. | | |

rduffey_f_20130919_783.jpg







+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

: Corrected Ob : Design & En : Enforcem

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 20 | | |
|------------------------------|----------------------|--|--|
| Start Levee Mile | 8.12 | | |
| End Levee Mile | 8.12 | | |
| Location | Land Side | | |
| Category | Supplemental | | |
| Item | DWR UCIP Field Study | | |
| Concrete headwall on LS toe. | | | |
| UCIP_7860.jpg | | | |

| Levee Mile Report Line | 22 | |
|--|---------------|--|
| Start Levee Mile | 8.45 | |
| End Levee Mile | 8.45 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Encroachments | |
| View of the brush nile at the too of the levee | | |

View of the brush pile at the toe of the levee.

| rduffey_f_20130919_785.jpg | | |
|---|---------------|--|
| Levee Mile Report Line | 23 | |
| Start Levee Mile | 8.80 | |
| End Levee Mile | 8.80 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Encroachments | |
| View of the brush pile at the toe of the levee. | | |
| rduffey_f_20130919_787.jpg | | |







Location LS: Land Side WS : Water Side CR : Crown

M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monit : Corrected : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 24 | |
|---------------------------------------|----------------------|--|
| Start Levee Mile | 8.91 | |
| End Levee Mile | 8.91 | |
| Location | Land Side | |
| Category | Supplemental | |
| Item | DWR UCIP Field Study | |
| Concrete U-shaped headwall on LS toe. | | |

| UC | IP_ | _78 | 64.j | Įρς |
|----|-----|-----|------|-----|
| | _ | _ | | |

| Levee Mile Report Line | 26 |
|------------------------|---------------|
| Start Levee Mile | 8.91 |
| End Levee Mile | 8.91 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| | |

View of the prunings along the landside toe.

rduffey_f_20130919_782.JPG

| Levee Mile Report Line | 28 |
|------------------------|----------------------|
| Start Levee Mile | 8.94 |
| End Levee Mile | 8.94 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| | |

WS outlet and concrete U shaped headwall.

UCIP_3378.jpg







| * Location | |
|-----------------|--|
| LS : Land Side | |
| WS : Water Side | |
| | |

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 29 | |
|---|---------------|--|
| Start Levee Mile | 8.99 | |
| End Levee Mile | 8.99 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Vegetation | |
| View of both slopes that has been burned and dragged. | | |
| rduffey_f_20131126_200.JPG | | |

| 30 |
|----------------------|
| 9.59 |
| 9.59 |
| Land Side |
| Supplemental |
| DWR UCIP Field Study |
| |

View of outlet looking toward WS toe.

| UCIP | 3382.jpg |
|------|----------|
| | |

| Levee Mile Report Line | 33 | |
|--|---------------|--|
| Start Levee Mile | 10.54 | |
| End Levee Mile | 10.54 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Encroachments | |
| View of the prunings along the landside toe. | | |







Location LS: Land Side WS : Water Side CR : Crown

rduffey_f_20130919_775.JPG

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monit : Corrected : Acceptable but Monitor & Maintain + Issue Type

Page 22 of 27

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 34 | | |
|--|---------------|--|--|
| Start Levee Mile | 10.61 | | |
| End Levee Mile | 10.61 | | |
| Location | Land Side | | |
| Category | Earthen Levee | | |
| Item Encroachments | | | |
| View of the equipment along the L/S toe. | | | |

rduffey_f_20130919_784.jpg

| Levee Mile Report Line | 35 |
|------------------------|-----------------|
| Start Levee Mile | 10.79 |
| End Levee Mile | 10.79 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| | |

View of the vehicle erosion along the slope of the levee.

rduffey_f_20130919_788.jpg

| Levee Mile Report Line | 36 | |
|---|---------------|--|
| Start Levee Mile | 10.95 | |
| End Levee Mile | 10.99 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Encroachments | |
| View of the redwood trees planted along the | | |

View of the redwood trees planted along the landside toe.

rduffey_f_20130919_790.JPG







* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 39 | |
|--|----------------------|--|
| Start Levee Mile | 11.29 | |
| End Levee Mile | 11.29 | |
| Location | Land Side | |
| Category | Supplemental | |
| Item | DWR UCIP Field Study | |
| Distribution box on LS toe. Missing slide gate at pipe entrance. | | |
| UCIP_3385.jpg | | |

| Levee Mile Report Line | 40 | |
|--|----------------------|--|
| Start Levee Mile | 11.29 | |
| End Levee Mile | 11.29 | |
| Location | Land Side | |
| Category | Supplemental | |
| Item | DWR UCIP Field Study | |
| Discount and a distribution is a constant O to a | | |

Pipe at conrete distribution box on LS toe.

| UCIP_3394.jpg |
|---------------|
|---------------|

| Levee Mile Report Line | 42 | |
|--------------------------------------|---------------|--|
| Start Levee Mile | 11.74 | |
| End Levee Mile | 11.95 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Encroachments | |
| View of the ditch along the L/S toe. | | |
| rduffey f 20130919 777.jpg | | |







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 43 | | |
|---|-----------|--|--|
| Start Levee Mile | 11.94 | | |
| End Levee Mile | 11.94 | | |
| Location | Land Side | | |
| Category Earthen Levee | | | |
| Item Encroachments | | | |
| View of the prunings at the toe of the levee. | | | |

rduffey_f_20131126_201.JPG

| Levee Mile Report Line | 45 |
|------------------------|----------------------|
| Start Levee Mile | 12.25 |
| End Levee Mile | 12.25 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

5X5 concrete distribution box at LS toe.

| UCIP | _3397.jpg |
|------|-----------|
| | |

| _ ,, o | |
|--|----------------------|
| Levee Mile Report Line | 47 |
| Start Levee Mile | 12.99 |
| End Levee Mile | 12.99 |
| Location | Land Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Broken slide gate in CM riser on WS slope. | |
| UCIP_3401.jpg | |







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monite : Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 48 | |
|---|---------------|--|
| Start Levee Mile | 13.03 | |
| End Levee Mile | 13.03 | |
| Location | Land Side | |
| Category | Earthen Levee | |
| Item | Encroachments | |
| View of the brush pile at the toe of the levee. | | |

rduffey_f_20130919_789.jpg

| Levee Mile Report Line | 50 |
|------------------------|---------------|
| Start Levee Mile | 13.35 |
| End Levee Mile | 13.35 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |

View of the prunings along the waterside toe.

rduffey_f_20130919_791.JPG

| Levee Mile Report Line | 51 |
|---------------------------|----------------------|
| Start Levee Mile | 13.35 |
| End Levee Mile | 13.35 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| Slide gate in CM riser on | WS toe. |

UCIP_7886.jpg







* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma · Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 53 | |
|---|----------------------|--|
| Start Levee Mile | 13.59 | |
| End Levee Mile | 13.59 | |
| Location | Water Side | |
| Category | Supplemental | |
| Item | DWR UCIP Field Study | |
| Slide gate at 4X4 concrete box on LS slope. | | |
| UCIP_3409.jpg | | |

| Levee Mile Report Line | 57 |
|------------------------|----------------------|
| Start Levee Mile | 13.99 |
| End Levee Mile | 13.99 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |

Pipe attached at boiler on LS toe.

| UCIP | 7889.jpg |
|------|----------|
| | |

| UCIP_/889.Jpg | |
|--|----------------------|
| Levee Mile Report Line | 59 |
| Start Levee Mile | 14.15 |
| End Levee Mile | 14.15 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR UCIP Field Study |
| CM riser with siphon breaker on LS shoulder. | |
| UCIP_7890.jpg | |







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|---------------|
| Unit No. 02 Butte Creek 1 | Right | 16.53 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 61 | | | | |
|---------------------------------------|----------------------|--|--|--|--|
| Start Levee Mile | 14.82 | | | | |
| End Levee Mile | 14.82 | | | | |
| Location | Water Side | | | | |
| Category | Supplemental | | | | |
| Item | DWR UCIP Field Study | | | | |
| Concrete box and gate on WS shoulder. | | | | | |
| UCIP_3414.jpg | | | | | |

| Levee Mile Report Line | 63 | | | | | |
|--|----------------------|--|--|--|--|--|
| Start Levee Mile | 15.71 | | | | | |
| End Levee Mile | 15.71 | | | | | |
| Location | Water Side | | | | | |
| Category | Supplemental | | | | | |
| Item | DWR UCIP Field Study | | | | | |
| 66-inch CMP riser on WS shoulder with slide gate | | | | | | |
| UCIP_3419.jpg | | | | | | |





Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles |
|--|------|------------|
| Unit No. 03 Little Chico Creek Diversion 1 | Left | 1.50 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|-------------------------------------|---|---------------------------|---|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | A | |
| Date of Inspection | 04/23/2013 - 04/23/2013 | | 11/20/2013 - 11/20/2013 | |
| DWR Inspector | Bob Duffey | | Bob Duffey | |
| Accompanied By | Jason Cooper Sutter Maintenance Yard | | Jason Cooper Sutter Maintenance Yard | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--|------|------------|--------------------------|---------------|
| Unit No. 03 Little Chico Creek Diversion 1 | Left | 1.50 | 11/20/2013 11/20/2013 | Bob Duffey |

| LMR | Levee | Mile | Category | Item | Locat | Rati | Action/Comment | Action/Comment | | Issue No. |
|-----|-------|------|------------------|------------|-------|---------|--|----------------|------------------------------|--------------|
| No. | Start | End | Calegory | iteiii | tion | ng + | Action/Comment | Start | End | Photo |
| 1 | 0.53 | 0.53 | Earthen Levee | Vegetation | LS | A Ma | V1 : Control annual grass and weeds on the levee slopes and easements. | | 39.724076 ° -121.780837 ° | Υ |
| | | | | | | | | DWR ID: DWR | MA0005_03_f _ 2013_ | 1 |

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0005

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--|------|------------|--------------------------|---------------|
| Unit No. 03 Little Chico Creek Diversion 1 | Left | 1.50 | 11/20/2013 11/20/2013 | Bob Duffey |

| Levee Mile Report Line | 1 | | | | | |
|--|---------------|--|--|--|--|--|
| Start Levee Mile | 0.53 | | | | | |
| End Levee Mile | 0.53 | | | | | |
| Location | Land Side | | | | | |
| Category | Earthen Levee | | | | | |
| Item | Vegetation | | | | | |
| View of both slopes that has been mowed. | | | | | | |
| rduffey_f_20131126_202.JPG | | | | | | |
| | | | | | | |

